

IAP13 Rec'd PCT/PTO 06 OCT 2006
Att'y's DR: KARAOLIS1A

In re Application of:
David K. R. KARAOLIS
Serial No. 10/565,591

IA Filing Date: July 22, 2004

For: METHOD FOR ATTENUATING VIRULENCE FOR...

) Application Division
) ATTN: PCT
) Washington, D.C.
) Confirmation No. 2282
) Date: October 6, 2006

LATE SUBMISSION OF DECLARATION AND/OR TRANSLATION IN APPLICATION FILED UNDER 35 USC 371

U.S. Patent and Trademark Office
Customer Service Window
Randolph Building, Mail Stop Missing Parts
401 Dulany Street
Alexandria, VA 22314

Sir:

The present communication is in response to the "NOTICE OF MISSING REQUIREMENTS UNDER 35 USC 371..." dated August 7, 2006. Attached hereto is/are:

- [XX] An executed oath or declaration in compliance with 37 C.F.R. 1.63, identifying the present application by title, PCT information and priority information.
- [] An exact English language translation of the PCT application as originally filed.
- [] Exact English language translation of the Annexes to the International Preliminary Examination Report containing substitute pages ___ of the specification and new claims ___ to be used for examination.
- [] A Preliminary Amendment [] Fees are reduced due to elimination of claim multiple dependencies.
- [XX] Sequence Listing Disk and Statement
- [] An Information Disclosure Statement with 08A- 1449 and references.
- [] Additional fees as calculated below:

Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [X] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$130.00
Number of each additional 50 pages or fraction thereof (round up to a whole number)	RATE	
1	X \$250.00	\$250.00
Number of Claims Previously Paid For	Number of Extra Claims	Rate
28- 20 =	8	X \$ 50.00
3- 3 =		X \$200.00
Multiple Dependent Claims (if applicable)		+ \$360.00
TOTAL OF ABOVE CALCULATIONS		\$780.00
Reduction of 1/2 for filing by small entity, if applicable. Applicant claims small entity status. See 37 CFR 1.27.		\$390.00
SUBTOTAL		\$390.00
Processing fee of \$130.00 for late furnishing of the English translation.		\$
TOTAL NATIONAL FEE		\$390.00

- [] Surcharge for late filing of the Declaration was paid on _____.
- [] It is hereby petitioned for an extension of time in accordance with 37 C.F.R. 1.136(a). The appropriate fee required by 37 C.F.R. 1.17 is calculated as shown below:

Small Entity
Response Filed Within

[] First	-	\$ 60.00
[] Second	-	\$ 225.00
[] Third	-	\$ 510.00
[] Fourth	-	\$ 795.00
[] Fifth	-	\$1,080.00

month after time period set

Other Than Small Entity
Response Filed Within

[] First	-	\$ 120.00
[] Second	-	\$ 450.00
[] Third	-	\$1,020.00
[] Fourth	-	\$1,590.00
[] Fifth	-	\$2,160.00

month after time period set

[XX] Total fees enclosed: \$390.00

[XX] Credit Card Payment Form, PTO-2038, authorizing payment the amount of \$390.00 is enclosed to cover the above fees.

[XX] Conditional Petition for Extension of Time:

If any extension of time for a response is required, applicant requests that this be considered a petition therefor.

[XX] The Commissioner is hereby authorized and requested to charge any additional fees which may be required in connection with this application or credit any overpayment to Deposit Account No. 02-4035. This authorization and request is not limited to payment of all fees associated with this communication, including any Extension of Time fee, not covered by check or specific authorization, but is also intended to include all fees for the presentation of extra claims under 37 CFR 1.16 and all patent processing fees under 37 CFR 1.17 throughout the prosecution of the case. This blanket authorization does not include patent issue fees under 37 CFR 1.18.

10/12/2006 LLANDGRA 00000007 10565591

01 FC:2617 65.00 OP
02 FC:2681 125.00 OP
03 FC:2615 200.00 OP

ACY:dac

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BROWDY AND NEWMARK, P.L.L.C.
Attorneys for Applicant(s)

By:

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KARB.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
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U.S. APPLICATION NUMBER NO. 10/565,591	FIRST NAMED APPLICANT David K. R. Karaolis	ATTY. DOCKET NO. KARAOLOS1A
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INTERNATIONAL APPLICATION NO.

PCT/US04/23498

I.A. FILING DATE	PRIORITY DATE
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07/22/2004

07/28/2003

001444

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CONFIRMATION NO. 2282

371 FORMALITIES LETTER



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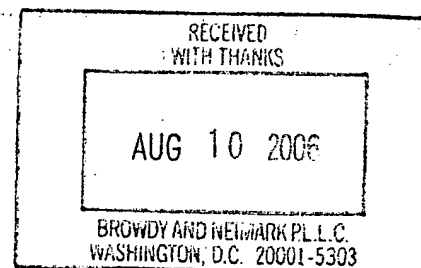
Date Mailed: 08/07/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 01/23/2006
- Copy of the International Search Report filed on 01/23/2006
- Request for Immediate Examination filed on 01/23/2006
- U.S. Basic National Fees filed on 01/23/2006
- Priority Documents filed on 01/23/2006
- Specification filed on 01/23/2006
- Claims filed on 01/23/2006
- Abstracts filed on 01/23/2006
- Drawings filed on 01/23/2006
- Paper nucleotide sequence listings filed on 01/23/2006

MSA/SEQ = 070C2006



The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$200 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath

or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$390** for a Small Entity:

- **\$65 Surcharge.**
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application.** Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.
- The specification and drawings contain more than 100 pages. Applicant owes **\$125** for **18** pages in excess of **100** pages for a small entity in compliance with 37 CFR 1.27.
- Total additional claim fee(s) for this application is **\$ 200**
 - **\$200** for **8** total claims over 20.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/565,591	PCT/US04/23498	KARAOLOS1A

FORM PCT/DO/EO/905 (371 Formalities Notice)